



PTO/SB/01 (10-01)  
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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration  
Submitted With Initial  
Filing **OR** ☒ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number 00568-292384

First Named Inventor Vernon Brent Barnes  
et al.

**COMPLETE IF KNOWN**

Application Number 10/645,997

Filing Date August 22, 2003

Group Art Unit 1731

Examiner Name Unknown

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**EQUIPMENT AND METHODS FOR MANUFACTURING CIGARETTES**

the specification of which (Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) **08/22/2003** as United States Application Number or PCT International

Application Number **10/645,997** and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 3]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/> Customer Number or Bar Code Label				OR		<input checked="" type="checkbox"/> Correspondence address below	
<b>J. Michael Boggs</b>							
<b>Name</b>							
<b>1001 West Fourth Street</b>							
<b>Address</b>							
<b>Winston-Salem</b>			<b>NC</b>		<b>27101-2400</b>		
<b>City</b>			<b>State</b>		<b>ZIP</b>		
<b>USA</b>				<b>(336) 747-7536</b>		<b>(336) 734-2632</b>	
<b>Country</b>				<b>Telephone</b>		<b>Fax</b>	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>							
<b>NAME OF SOLE OR FIRST INVENTOR:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
<b>Given Name</b> (first and middle [if any])				<b>Family Name</b> or Surname			
<b>Vernon Brent</b>				<b>Barnes</b>			
<b>Inventor's Signature</b>				<b>Date</b>			
<i>Vernon Brent Barnes</i>				<i>2/17/04</i>			
<b>Advance</b>		<b>NC</b>		<b>USA</b>		<b>USA</b>	
<b>Residence: City</b>		<b>State</b>		<b>Country</b>		<b>Citizenship</b>	
<b>154 Country Circle</b>							
<b>Mailing Address</b>							
<b>Advance</b>		<b>NC</b>		<b>27006</b>		<b>USA</b>	
<b>City</b>		<b>State</b>		<b>Zip</b>		<b>Country</b>	
<b>NAME OF SECOND INVENTOR:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
<b>Given Name</b> (first and middle [if any])				<b>Family Name</b> or Surname			
<b>Philip Andrew</b>				<b>Deal</b>			
<b>Inventor's Signature</b>				<b>Date</b>			
<i>Philip Andrew Deal</i>				<i>Feb. 17, 2004</i>			
<b>Winston-Salem</b>		<b>NC</b>		<b>USA</b>		<b>USA</b>	
<b>Residence: City</b>		<b>State</b>		<b>Country</b>		<b>Citizenship</b>	
<b>6242 Blue Bonnet Lane</b>							
<b>Mailing Address</b>							
<b>Winston-Salem</b>		<b>NC</b>		<b>27103</b>		<b>USA</b>	
<b>City</b>		<b>State</b>		<b>Zip</b>		<b>Country</b>	
<input checked="" type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							

Please type a plus sign (+) inside this box → +

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 3 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
<b>Lloyd Harmon</b>		<b>Hancock</b>	
Inventor's Signature <i>Lloyd Harmon Hancock</i>		Date <i>02/18/04</i>	
Residence: City <b>Walnut Cove</b>	State <b>NC</b>	Country <b>USA</b>	Citizenship <b>USA</b>
Mailing Address			
Mailing Address <b>3183 Rosebud Road</b>			
City <b>Walnut Cove</b>	State <b>NC</b>	ZIP <b>27052</b>	Country <b>USA</b>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
<b>John Larkin</b>		<b>Nelson</b>	
Inventor's Signature <i>John Larkin Nelson</i>		Date <i>2/17/04</i>	
Residence: City <b>Lewisville</b>	State <b>NC</b>	Country <b>USA</b>	Citizenship <b>USA</b>
Mailing Address			
Mailing Address <b>395 Saddlebrook Circle</b>			
City <b>Lewisville</b>	State <b>NC</b>	Zip <b>27023</b>	Country <b>USA</b>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country

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PTO/SB/81 (02-01)

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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

<b>Application Number</b>	10/645,997
<b>Filing Date</b>	August 22, 2003
<b>First Named Inventor</b>	Vernon Brent Barnes et al.
<b>Group Art Unit</b>	1731
<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	00568-292384

I hereby appoint:

☐ Practitioners at Customer Number

OR

☒ Practitioner(s) named below:

Name	Registration Number
Charles W. Calkins	31,814
J. Jason Link	44,874
J. Michael Boggs	46,563
August J. Borschke	30,539

Place Customer  
Number Bar Code  
Label here

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number

OR

Place Customer  
Number Bar Code  
Label here☒ Firm or  
Individual Name

J. Michael Boggs

Address

Kilpatrick Stockton LLP

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City

Winston-Salem

State

NC

ZIP

27101-2400

Country

USA

Telephone

(336) 747-7536

Fax

(336) 734-2632

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Name

David E. Townsend, Executive Vice President, Research &amp; Development

Signature

Date

2/20/04

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: R. J. Reynolds Tobacco CompanyApplication No./Patent No.: 10/645,997Filed/Issue Date: August 22, 2003Entitled: Equipment and Methods for Manufacturing CigarettesR. J. Reynolds Tobacco Company, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

2/20/04  
Date

David E. Townsend  
Signature

David E. Townsend  
Typed or printed name

Executive Vice President,  
Research & Development  
Title